# GOVERNMENT OF INDIA
# POWER
# LOK SABHA

UNSTARRED QUESTION NO:2327
ANSWERED ON:04.12.2000
HYDRO ELECTRIC POWER PROJECTS IN BIHAR AND U.P.
BALIRAM;MD ANWARUL HAQUE;RAJESH RANJAN (PAPPU YADAV)

**Will the Minister of POWER be pleased to state:**

(a) whether a number of small, medium and large reservoirs are available in the country particularly in Bihar and U.P.;

(b) if so, the details thereof, State-wise;

(c) whether power is being generated from all these reservoirs;

(d) if so, the details thereof, project-wise and State-wise;

(e) whether the Government have received any proposal for setting up hydro-electric power plants at these reservoirs in each State;

(f) If so, the details thereof; and (g) if not, the steps taken by the Government to set up mini, medium and large hydro-electric power plants at these reservoirs to meet the power shortage?

## Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER

( SHRIMATI JAYAWANTI MEHTA )

(a) to (g) : There are a large number of small, medium and large reservoirs in the country to meet requirements of drinking water, irrigation, industrial uses, flood control and navigation, etc. State-wise details of large dams constructed in the country as per National Register of large Dams published in December1994 by the Central Water Commission are at Annex-I.At present, there are 82 Nos. reservoirs in the country where power is being generated. The project-wise and state-wise details of these schemes are given in Annex-II.

Hydro-electric projects are site specific depending on topographical, hydrological and geological conditions and are planned at the planning stage of reservoir schemes considering their techno-economic viability.
In view of the fact that the potential from the reservoirs created can be tapped to generate hydro-electric power, steps are being taken to identify potential sites which are economically viable on the existing reservoirs and develop them.

ANNEX-I
ANNEX-I REFERRED TO IN REPLY TO UNSTARRED QUESTION NO.2327 TO BE ANSWERED IN THE LOK SABHA ON 4.12.2000. Large Dams constructed in various States

| Sl.No. | Name of State | No. of Large Dams |
|---|---|---|
| 1. | Andhra Pradesh | 158 |
| 2. | Assam | 2 |
| 3. | Bihar | 61 |
| 4. | Gujarat | 466 |
| 5. | Goa | 5 |
| 6. | Himachal Pradesh | 4 |
| 7 | Jammu & Kashmir | 7 |
| 8. | Karnataka | 188 |

9. Kerala 38
10. Madhya Pradesh 946
11. Maharashtra 1229
12. Manipur 2
13. Meghalaya 6
14. Orissa 131
15. Punjab 1
16. Rajasthan 122
17. Tamil Nadu 84
18. Tripura 1
19. Uttar Pradesh 123
20. West Bengal 22

Total : 3596

ANNEX-II

ANNEX-II REFERRED TO IN REPLY TO UNSTARRED QUESTION NO.2327 TO BE ANSWERED IN THE LOK SABHA ON 4.12.2000 REGARDING HYDRO-ELECTRIC PROJECTS IN BIHAR AND STORAGE TYPE HYDRO SCHEMES IN OPERATION [I.C. Above 3 MW] AS ON 01.11.2000

Sl.No. State / Generating Company Hydro Scheme No. of Units x Capacity
Capacity MW]

B.B.M.B.

1. Punjab Bhakra [L] 5x108 540
Punjab Bhakra [R] 5x132 660

2. Punjab Pong 6x60 360
N.H.P.C.

3. Himachal Pradesh Chamera Stage-I 3x180 540

4. J&K Uri 4x120 480

5. Manipur Loktak 3x35 105

DVC

6. West Bengal Mahton 3x20 60

7 West Bengal Tilayia 2x2 4

NEEPCO

8. Assam Khandong 2x25 50

9. Assam Kopili 2x50 100
10. Assam Kopili Extension 2x50 100
11. Nagaland Doyang 3x25 75
PUNJAB
12. Ranjit Sagar 4x150 600

RAJASTHAN

13. R.P. Sagar 4x43 172
14. J. Sagar 3x33 99

UTTAR PRADESH

15. Rihand 6x50 300
16. Ramganga 3x66 198
GUJARAT
17. Ukai 4x75 300

MADHYA PRADESH

18. Gandhi Sagar 5x23 115
19. Bargi 2x45 90
20. Pench 2x80 160
21. Bansagar Tons 3x105 315
22. Birsinghpur 20
23. Hasdeo Bango 3x40 120
24. Rajghat 3x15 45

MAHARASHTRA

25. Koyna I&II 4x65+4x75 560
26. Koyna III 4x80 320
27. Tillari 1x60 60
28. Dudhganga 2x12 24
29. Koyna Stage-IV 4x250 1000
30. Bhira 6x22 132
31. Bhivpuri 6x12 72
32. Khopoli 6x12 72

ANDHRA PRADESH

33. Machkund 3x17+3x21.25 114.75
34. Upper Sileru I 2x60 120
35. Lower Sileru 4x115 460
36. T.B. Dam 4x9 36
37. Hampi 4x9 36
38. Srisailam 7x110 770

KARNATAKA

39. Sharavathy 10x89.1 891
40. Lingnamakki 2x27.5 55
41. Kalinadi 6x135 810
42. Supa DPH 2x50 100
43. Varahi 2x115 230
44. Kalinadi StageII
[Kadra]] 3x50 150
45.

Kalinadi Stage II
[Kodasali] 3x40 120
46. Jog 4x12+4x18 120
KERALA

47. Idukki 6x130 780
48. Sabaragiri 6x50 300
49. Kuttiadi 3x25 75
50. Sholayar 3x18 54
51. Panniar 2x15 30
52. Idamalayar 2x37.5 75

TAMIL NADU

53. Kudah I 3x20 60
54. Kundah II 5x35 175
55. Kundah III 3x60 180
56. Kundah IV 2x50 100
57. Kundah V 2x20 40
58. Mettur Dam 4x10 40
59. Mettur Tunnel 4x50 200
60. Periyar 4x35 140
61. Kodayar I 1x60 60
62. Kodayar II 1x40 40
63. Sholayar I 2x35 70
64. Sholayar II 1x25 25
65. Pykara 3x6.65+2x14+2x11 69.95
66. Aliyar 1x60 60
67. Suruliyar 1x35 35
68. Servalar 1x20 20
69. Vaigai Dam 2x3 6
70. Sathanur Dam 1x7.5 7.5
71. Parson`s Valley 1x30 30

BIHAR

72. Subernrekha I 1x65 65
73. Subernrekha II 1x65 65

ORISSA

74. Hirakud I 5x37.5+2x24 235.5
75. Balimela 6x60 360
76. Rengali 5x50 250
77. Upper Kolab 4x80 320
78. Upper Indravati 3x150 450

SIKKIM

24 MEGHALAYA
79. Umiam Stage I 2x9+2x9 36
80. Umiam Stage II 2x9 18
81. Umiam - Umtru
Stage IV 2x30 60

TRIPURA

82. Gumti 3x5 15

TOTAL ALL INDIA : 12715.95 MW